

DEPTH	Lithology % Recovery	DESCRIPTION	Alteration	Mineralization	Au oz/ton	STRUCTURE	SAMPLE NUMBER
		LATERITE - STRUCTURELESS BROWN RED CLAY			0.012		
5	82.5% - 60%	SAPROLITE - LIGHT GRAY, CUT BY THIN FeOx/MnOx-COATED FRACTURES, CLAY (POSSIBLY EXPANDING-LATTICE TYPE) PORPHYRYIC DACITE PRECURSOR	ARGILLIC?		0.006		62913 62914
15	85% - 66%	AS ABOVE			0.002 0.004		62915 62916
25	80% - 55%	AS ABOVE, +DISSEM. MAGNETITE, SLIGHTLY DARKER GRAY COLOR			0.004 0.003		62917 62918
		AS ABOVE, 2-3mm PY BLEBS ON FRACTURE AT 28'. FRACTURE 1/4" WIDE WITH FeOx/MnOx FILLING		2-3% PY ON FC'S			
35	43% - 43%	PORPHYRYIC DACITE, MED. GRAY, SLIGHT SILICIFICATION, STRONGLY MAGNETIC, TR DISSEM PY CUBES < 1mm DIAMETER, A FEW FeOx/MnOx-COATED JOINTS PRESENT,	+MINOR SiO2	TR PY	0.000 0.002		62919 62920
45	75% - 75%	AS ABOVE, SLIGHT INCREASE IN SiO2, APPEARANCE OF EPIDOTE, +DISSEMINATED PY CUBES < 1mm DIA.	+MINOR SiO2+EPI	TR-1% PY	0.002 0.002		62921 62922
55	90% - 75%	AS ABOVE, MODERATE SILICIFICATION + EPIDOTE + PYRITE; PY DISSEM. & ASSOC. WITH CLOTS & STRINGERS OF Qtz + EPIDOTE	MOD. + SiO2+EPI	1-2% PY	0.002		62923
		AS ABOVE, STRONG PERVASIVE SILICIFICATION, MINOR EPI, TR DISSEM. PY., BK. STRONGLY MAGNETIC (DISSEM. MAGNETITE)	STRONG + SiO2	TR PY	0.003		62924
65	91% - 90%	AS ABOVE, 1/2" THK. Qtz-EPI VEIN AT 65'	STRONG + SiO2, MINOR EPI	TR PY	0.012 0.004	VEIN AT 20° TO CORE AXIS	62925 62926
		AS ABOVE, 1/4" THK Qtz-EPI VEIN AT 67', WITH ONE RADIAL PYROPHYLLITE ROSETTE	CaCO3 ON FRACTURES	TR PY			
75	97% - 97%	AS ABOVE, 1/2" THK. Qtz-FeOx VEINLET AT 73'	STRONG + SiO2, MINOR EPI	TR PY	0.018	VEINLET AT 20° TO CORE AXIS	62927
		AS ABOVE, 1/4" THK. STEEP Qtz-FeOx ± CaCO3 VEINS FROM 75'-79'; SILICIFICATION (PERVASIVE) DECREASING	MOD. SiO2	TR PY	0.003		62928
85	90% - 90%	AS ABOVE, MODERATE SILICIFICATION W/ SLIGHT INCREASE IN EPIDOTE IN STRINGERS + PY (DISSEM. & STRINGERS), ZONE RUNS FROM 84'-87'	MOD. SiO2 MOD EPI	TR-1% DISSEM. PY & STRINGERS	0.002 0.002		62929 62930
		AS ABOVE, SILICIFICATION GIVING WAY TO MODERATE PROPYLITIC ACT. + DISSEMINATED & STRINGER-RELATED PYRITE, CUBES TO 2mm ACROSS EACH, OFTEN FOUND IN 2-3 CUBE AGGREGATES	MODERATE + SiO2 + EPI	1-2% PY			
95	98% - 96%	AS ABOVE, 1/4" THK VEINS Qtz-BIO-CaCO3, DIPPING STEEPLY TO CORE AXIS,	MOD. + SiO2 + EPI	1-2% PY	0.004 0.002	VEIN AT 20° TO CORE AXIS	62931 62932
		AS ABOVE, SMALL Qtz-EPI STRINGERS	MOD. + SiO2 + EPI	1-2% PY			

DEPTH	Lithology X Recovery	DESCRIPTION	Alteration	Mineralization	Au oz/ton	STRUCTURE NOTE: STD.	SAMPLE NUMBER
105	96% 99%	PORPHYRITIC DACITE (CONTINUED), Qtz-EPI VEIN AT 101' & 103' AS ABOVE, PROPYLITIC ACT. DECREASING, REPLACED BY INCREASING SILICIFICATION; PY ASSOCIATED WITH SMALL CLOTS OF BIOTITE & Qtz.-BIOTITE STRINGERS; SiO ₂ ZONE FROM 106'-115'	MODERATE +SiO ₂ +EPI	1-2% PY	0.002		62934
			MOD-STRONG +SiO ₂ MINOR EPI	TR PY	0.002		62935
115	99% 100%	AS ABOVE, 1/2" THICK LAMPROPHYRE STRINGER AT 115', SHEARED STRONGLY AS ABOVE, 2" THICK Qtz.-EPI ZONE AT 117' LAMPROPHYRE DIKE, DARK-GRAYISH-GREEN, DFG EQUIGRANULAR, CUT BY THIN Qtz.-EPI STRINGERS & CLOTS 1/8" DIA	+SiO ₂	TR PY	0.003		62936
			+SiO ₂ +EPI	NO PY	0.002		62937
125	100% 100%	PORPHYRITIC DACITE, MED. GRAY; CONTACT W/ DIKE IRREGULAR, BROKEN, & ALTERED + SiO ₂ & EPIDOTE, AT 121'; AT 122', BRECCIA DEVELOPED WITH ANGULAR CLASTS OF DACITE TO 1/2" DIA IN CL GREEN Qtz.-EPI MATRIX	+STRONG EPI, SiO ₂	TR PY	0.003		62938
		AS ABOVE, MINOR SILICIFICATION + EPIDOTE (PERVASIVE & A FEW STRINGERS), RE. STRONGLY MAGNETIC (DISSEMINATED MAGNETITE), SOME STRINGERS W/ CaCO ₃	MINOR +SiO ₂ , EPI	NO PY	0.002		62939
135	100% 98%	AS ABOVE, ZONE OF MODERATE SILICIFICATION FROM 130'-132' AS ABOVE, ZONE OF MINOR "RED Qtz." STRINGERS (ZOISITE?) FROM 137' TO 145'	TR CHL +SiO ₂	NO PY	0.002		62940
			MODERATE +SiO ₂ EPI + ZOISITE(?)	NO PY	0.005		62941
145	98% 98%	AS ABOVE, ZONE OF PERVASIVE SILICIFICATION (MODERATE + STRONG), W/ TR EPI, FROM 146' TO 155'; ZONE SHOWS EVIDENCE OF BRECCIATION & RE-LITHIFICATION, ESPECIALLY AT 152', FORMING A STOCKWORK OF STRONGLY SILICIFIED PORPHYRITIC DACITE IN Qtz.-EPIDOTE MATRIX. TR-1% DISSEM. MAGNETITE, POSSIBLE PY ASSOC. W/ FRACTURES	STRONG +SiO ₂ TR EPI	NO PY TR PY	0.006	RE-SEALED BY ZONE ↓ ↓ ↓	62942 62943
155	98% 99%	AS ABOVE, MODERATELY SILICIFIED, W/ VEINLETS OF BIO-Qtz.-CaCO ₃ , +TR PY ASSOCIATED WITH FRACTURES	MODERATE +SiO ₂ EPI + CaCO ₃	TR PY	0.007 0.002		62944 62945
165	99% 100%	AS ABOVE, A FEW $\leq 1\text{mm}$ CLOTS OF CHLORITE; DISSEM. PY CUBES TO 2mm (VERY FEW). TRACES OF "RED Qtz." (ROUTE) MODERATE TO STRONG SILICIFICATION AS ABOVE, 1/8"-1/4" VEINS WITH BIOTITE-Qtz.-CaCO ₃ AT 168'	MOD.+SiO ₂ +EPI + CHL + CaCO ₃ TR ZOISITE	TR PY	0.002 0.003		62946 62947
175	100% 99%	AS ABOVE, PERVASIVE SILICIFICATION (MODERATE TO STRONG) CONTINUES, TR DISSEM PY, EPIDOTE (CONTENT STARTS TO INCREASE AT 170'); THIN VEINLETS OF BIOTITE (?) W/ TR PY CUT ROCK AT INFREQUENT INTERVALS	MOD-STRONG +SiO ₂ +EPI TR BIO(?)	TR PY	0.002 0.003		62948 62949
185	99% 98%	AS ABOVE, ZONE OF STRONG PERVASIVE SILICIFICATION ENDS AT 180', & STARTS AGAIN ABRUPTLY AT 183'; AS ABOVE, ZONE OF DENSE STOCKWORK VEINLETS STARTS 185' ENDS 189', VEINLETS CONTAIN Qtz.+EPI+CHL+CaCO ₃ ± PY	WEAK+SiO ₂ STRONG+SiO ₂ +EPI	TR PY	0.003 0.005		62950 62951
195	98% 100%	AS ABOVE, MODERATE SILICIFICATION (PERVASIVE) + VEINLETS (Qtz.+EPI+CHL+CaCO ₃ ± PY) ALL $\leq 1/8"$ THK & INFREQUENT AS ABOVE, SMALL STOCKWORK ZONE (2") AT 193'-194'; PY SHEARED ON FRACTURE SPEC. AT 195' AS ABOVE, ALTERATION WEAKENS BETWEEN 196'-199'; ALSO 201'-203'. AS ABOVE, MODERATE SILICIFICATION STARTS AT 203';	MOD.+SiO ₂ +EPI+CHL	TR PY	0.004 0.003		62952 62953

DEPTH	Lithology & Recovery	DESCRIPTION	Alteration	Mineralization	Au oz/ton	STRUCTURE NOTE: STD OIL →	SAMPLE NUMBER
205	100%	PORPHYRITIC DACITE (CONTINUED); AS ABOVE, STOCKWORK ZONE 206' TO 211', VEINS & VEINLETS OF QTZ+CHL+CaCO ₃ ± PY	MOD. SiO ₂ + EPI	TR-1% PY	0.003 0.002		62955 62956
215	98%	VEIN, 212'-213', COMPRISED OF CHL-PY WALLS W/ BARREN QTZ-CALCITE IN THE CENTER; PY ALSO DISSEM. INTO CHLORITIZED WALL ROCK. VEIN AS ABOVE, 1" THICK AT 215', CONTINUED STRONG CHLORITIZATION OF WALL ROCK.	STRONG + CHL	2-3% PY	0.003		62957
225	98%	AS ABOVE, CHLORITIZED BRECCIA ZONE AT 220'; GENERALLY INTACT FRAMEWORK, ANGULAR CLASTS TO ± 1cm, CUT BY 1/4" WIDE CaCO ₃ VEIN; LAMPROPHYRE DIKE AT 223', CONTACT AT ± 10" TO CORE AXIS, DARK GRAY-GREEN, VFG ASSEMBLAGE OF CHLORITE & EPIDOTE, A FEW CHLORITIZED AMPHIBOLES AT 225', CUT BY A FEW CaCO ₃ STRINGERS	+ CHL + CaCO ₃	2-3% PY TR-1% PY	0.004 0.003	6" THK. BRECCIA CONTACT AT 10" TO CORE AXIS	62959 62960
235	100%	AS ABOVE PORPHYRITIC DACITE, BEAUTIFUL BRECCIATED/CHILLED CONTACT W/ LAMPROPHYRE, CHL & PY AT CONTACT; QTZ-EPI-CHL VEINS + PY AT 237'	+ CHL + EPI + CaCO ₃	TR-1% PY	0.005		62961
245	99%	AS ABOVE, ZONE OF PERVASIVE CHLORITIZATION FROM 240'-247' + MINOR SiO ₂ & EPIDOTE AS ABOVE, ZONE OF PERVASIVE SILICIFICATION + VEINS TO 1/2" WIDE W/ QTZ+CaCO ₃ +CHL, PY CUBES TO 3mm FROM 247' TO 251'	+ SiO ₂ + EPI	2-3% PY	0.004		62962
245	97%	AS ABOVE, ZONE OF PERVASIVE CHLORITIZATION FROM 240'-247' + MINOR SiO ₂ & EPIDOTE	STRONG + CHL MINOR + SiO ₂ + EPI	TR PY	0.002		62963
245	100%	AS ABOVE, ZONE OF PERVASIVE SILICIFICATION + VEINS TO 1/2" WIDE W/ QTZ+CaCO ₃ +CHL, PY CUBES TO 3mm FROM 247' TO 251'	STRONG + SiO ₂ + EPI	1-2% PY	0.002		62964
255	100%	AS ABOVE, MODERATE TO STRONG PERVASIVE PROPYLITIC ALTERATION (+SiO ₂ +EPI), MINOR VEINLETS OF CHL.; TR "RED QTZ" (ZOISITE) AT 255.5'; PY DISSEM. & ASSOC. W/ CHL VEINLETS.	MOD-STRONG + SiO ₂ + EPI MINOR CHL	TR PY	0.003 0.004	VEINLETS AT ± 10" TO CORE AXIS	62965 62966
265	100%	AS ABOVE, QTZ-CHL VEIN 262'-263', NO PY ASSOC. W/ VEIN; VEIN HAS IRREGULAR CHLORITIC CONTACTS	MOD-STRONG + SiO ₂ + EPI + TOR	TR PY	0.003		62967
265	100%	AS ABOVE, MODERATE TO STRONG PERVASIVE PROPYLITIC ALTERATION	AS ABV	TR PY	0.003		62968
275	100%	AS ABOVE, 1/2" THICK BARREN QTZ VEIN AT 271'			0.002		62969
275	100%	AS ABOVE, 3" THICK QTZ-EPIDOTE-CHLORITE BRECCIA AT 278', ANGULAR CLAST TO 1cm, DISRUPTED TEXTURE; TRACES OF "RED QTZ" (ZOISITE)	MODERATE + SiO ₂ + EPI MINOR CHL " CaCO ₃ TR ZOISITE	TR PY	0.002	3" THK. BRECCIA	62970
285	100%	AS ABOVE, 1/4" THK QTZ-EPIDOTE VEIN + STRINGERS AT 281'		NO PY	0.002		62971
285	100%	AS ABOVE, PERVASIVE MODERATE PROPYLITIC ALTERATION	MODERATE + SiO ₂ +EPI + CaCO ₃ + TR ZOISITE	TR PY	0.002		62972
295	100%	AS ABOVE, QTZ-EPI-PY VEINLET AT 295'	AS ABV	TR PY	0.002		62973
295	100%	ANDESITE, PORPHYRITIC, PROPYLITICALLY ALTERED TO MASS OF CHLORITE & EPIDOTE, CHILLED CONTACT W/ DACITE, ZONED RELICT PLAGIOCLASE PHENOS IN OPHITIC TEXTURE		TR-1% PY	0.002	CONTACT AT 25" TO	62974

DEPTH	Lithology	% Recovery	DESCRIPTION	Alteration	Mineralization	Au oz/ton 290	STRUCTURE STD.	SAMPLE NUMBER 62975
305	XXXX XXXX XXXX XXXX XXXX	100%	ALTERED ANDESITE (CONTINUED)	PROPYL.	TR-1% PY	0.002		62976
	XXXX XXXX XXXX XXXX XXXX	100%				0.002		62977
315	S/S S/S S/S S/S S/S	100%	PORPHYRITIC DACITE, IRREGULAR CONTACT, AMPHIBOLE PHENOS (1x3mm max) APPEAR IN "HARM" AT CONTACT IN THE ANDESITE. DACITE IS MODERATELY SILICIFIED + EPIDOTE + CHL ± CaCO ₃ ; AT 3M' DACITE APPEARS TO HAVE FRAGS OF ANDESITE IN IT... THENCE: ACTUALLY A FLOW, OR PRE-DACITE SILL?	MODERATE AS/ST/EP +CHL	TR-1% PY	0.002	CONTACT AT APPROX TO CORE AXIS	62978
	S/S S/S S/S S/S S/S	100%	DACITIC CRYSTAL-LITHIC TUFF, MAX LITHIC CLAST 1/4" ACROSS, MINOR PROPYLLITIC ALTERATION; PORPHYRITIC DACITE HAS CHILLED MARGIN AGAINST TUFF; MINOR QTZ-EPID STRINGERS w/ A FEW CHLORITE "CLUSTS" (MAX 3mm); VEG PY ASSOC w/ STRINGERS	MINOR SiO ₂ +EPI ± CHL	TR PY	0.002	CONTACT AT TO CORE AXIS	62979
325	S/S S/S S/S S/S S/S	100%	AS ABOVE	AS ABV	TR PY	0.002		62980
	S/S S/S S/S S/S S/S	100%				0.002		62981
335	S/S S/S S/S S/S S/S	100%	MULTI-LITHIC BRECCIA, CLASTS ANGULAR TO 1" LONG, INTACT TEXTURES NEAR DK. GRAY "CHILLED" (BATHOLIC) CONTACT GIVES WAY TO DISRUPTED TEXTURE AT 337', w/ CLAST FLOATING IN QTZ-EPIDOTE MATRIX. MATRIX HAS SUBHEDRAL QTZ. PHENOS TO 2mm AT 337'; POSSIBLE CHALCOPYRITE & PIRITE, BOTH DISSEMINATED IN TRACE AMOUNTS.	AS ABV	TR PY	0.002		62982
	S/S S/S S/S S/S S/S		DACITIC CRYSTAL-LITHIC TUFF, AS BEFORE, MINOR PROPYLLITIC ACT.	MOD. + SiO ₂ + EPI +CHL	TR PY TR CHLSD?	0.003		62983
345	S/S S/S S/S S/S S/S		MULTI-LITHIC BRECCIA, FG AT CONTACT, CLASTS IN DISRUPTED TEXTURE AT 344', CLASTS ANGULAR TO 2" ACROSS;	AS ABV	TR PY	0.007		62984
	S/S S/S S/S S/S S/S		DACITIC CRYSTAL-LITHIC TUFF, AS BEFORE			0.002		62985
	S/S S/S S/S S/S S/S		MULTI-LITHIC BRECCIA	AS ABV	TR PY			
355			T.D. 350'			0.002		62986
							STD.	62987

CCC-3

Job number: NE142-87	Update : 1
Geologist : Shepard ,R	Assistant:
Project : T003	Samples : 77
Certificate numbers: ATA RECEIVED AT LAB: 111487	
Transmission date: 120287	Format: C Print columns: 132
Input report: NEG142	Output file: RNEG142
Comments: SECOND COLUMN OF GOLDS ARE REPLICATES	
Note: all values are reported in ppm unless stated otherwise above.	
GCRPT version: 1.3 copyright (C) S.A.Moreno, 1983 Sn: IBMxxxddmmA	



**Northeast
Geochemical And
Assay Co.**
198 Main Street
Yarmouth, ME 04096
207/846-4673

 Element : Gold Gold Silver
 Analysis Code: F1 B1
 Implied units: ppm ppm ppm

CC62913	R	0.012	-----	L	0.1
CC62914	R	0.006	-----	L	0.1
CC62915	R	0.002	-----	L	0.1
CC62916	R	0.004	0.004	L	0.1
CC62917	R	0.004	-----	L	0.1
CC62918	R	0.003	-----		0.1
CC62919	R	0.006	-----	L	0.1
CC62920	R	0.002	-----	L	0.1
CC62921	R	0.002	-----	L	0.1
CC62922	R	L 0.002	-----	L	0.1
CC62923	R	L 0.002	-----	L	0.1
CC62924	R	0.002	0.003	L	0.1
CC62925	R	0.012	-----	L	0.1
CC62926	R	0.004	-----	L	0.1
CC62927	R	0.018	-----		0.2
CC62928	R	0.003	-----	L	0.1
CC62929	R	0.002	-----	L	0.1
CC62930	R	L 0.002	-----	L	0.1
CC62931	R	0.004	-----	L	0.1
CC62932	R	0.002	L 0.002	L	0.1
CC62933	R	0.183	-----		1.4
CC62934	R	0.002	-----	L	0.1
CC62935	R	0.002	-----	L	0.1
CC62936	R	0.003	-----	L	0.1
CC62937	R	0.002	-----	L	0.1
CC62938	R	0.003	-----	L	0.1
CC62939	R	0.002	-----	L	0.1
CC62940	R	0.003	-----	L	0.1
CC62941	R	0.005	-----	L	0.1
CC62942	R	0.002	0.006	L	0.1
CC62943	R	0.006	-----	L	0.1
CC62944	R	0.007	-----	L	0.1
CC62945	R	L 0.002	-----	L	0.1
CC62946	R	0.002	-----	L	0.1
CC62947	R	0.003	-----	L	0.1
CC62948	R	0.002	-----	L	0.1
CC62949	R	0.003	-----	L	0.1
CC62950	R	0.003	-----	L	0.1
CC62951	R	0.005	-----	L	0.1
CC62952	R	0.002	L 0.002		0.1
CC62953	R	0.003	-----	L	0.1
CC62954	R	0.333	-----		7.4
CC62955	R	0.003	-----	L	0.1
CC62956	R	0.002	-----	L	0.1
CC62957	R	0.009	-----		0.1
CC62958	R	0.019	-----		0.2

Element :		Gold	Gold	Silver
Analysis Code:		F1		B1
Implied units:		ppm	ppm	ppm
CC62959	R	0.004	-----	L 0.1
CC62960	R	0.003	-----	L 0.1
CC62961	R	0.005	-----	L 0.1
CC62962	R	0.003	0.004	L 0.1
CC62963	R	0.002	-----	L 0.1
CC62964	R	0.002	-----	L 0.1
CC62965	R	0.003	-----	L 0.1
CC62966	R	0.004	-----	L 0.1
CC62967	R	0.003	-----	L 0.1
CC62968	R	0.003	-----	L 0.1
CC62969	R	0.002	-----	L 0.1
CC62970	R L	0.002	-----	L 0.1
CC62971	R	0.002	-----	L 0.1
CC62972	R L	0.002	L 0.002	L 0.1
CC62973	R L	0.002	-----	L 0.1
CC62974	R	0.002	-----	0.1
CC62975	R	0.296	-----	7.4
CC62976	R	0.002	-----	L 0.1
CC62977	R	0.002	-----	L 0.1
CC62978	R	0.002	-----	L 0.1
CC62979	R L	0.002	-----	L 0.1
CC62980	R L	0.002	-----	L 0.1
CC62981	R L	0.002	-----	L 0.1
CC62982	R	0.002	0.002	L 0.1
CC62983	R	0.003	-----	L 0.1
CC62984	R	0.007	-----	L 0.1
CC62985	R L	0.002	-----	L 0.1
CC62986	R	0.002	-----	L 0.1
YJ872984	R	0.202	-----	0.2
YJ872985	R	1.800	-----	0.2
YJ872986	R	3.300	-----	0.4

Listing Statistics:

Element name	Sym- bol	Anal. code	Total vals.	Element name	Sym- bol	Anal. code	Total vals.
Gold	(AU)	F1	77	Gold	(AU)		77
Silver	(AG)	B1	77	()			0

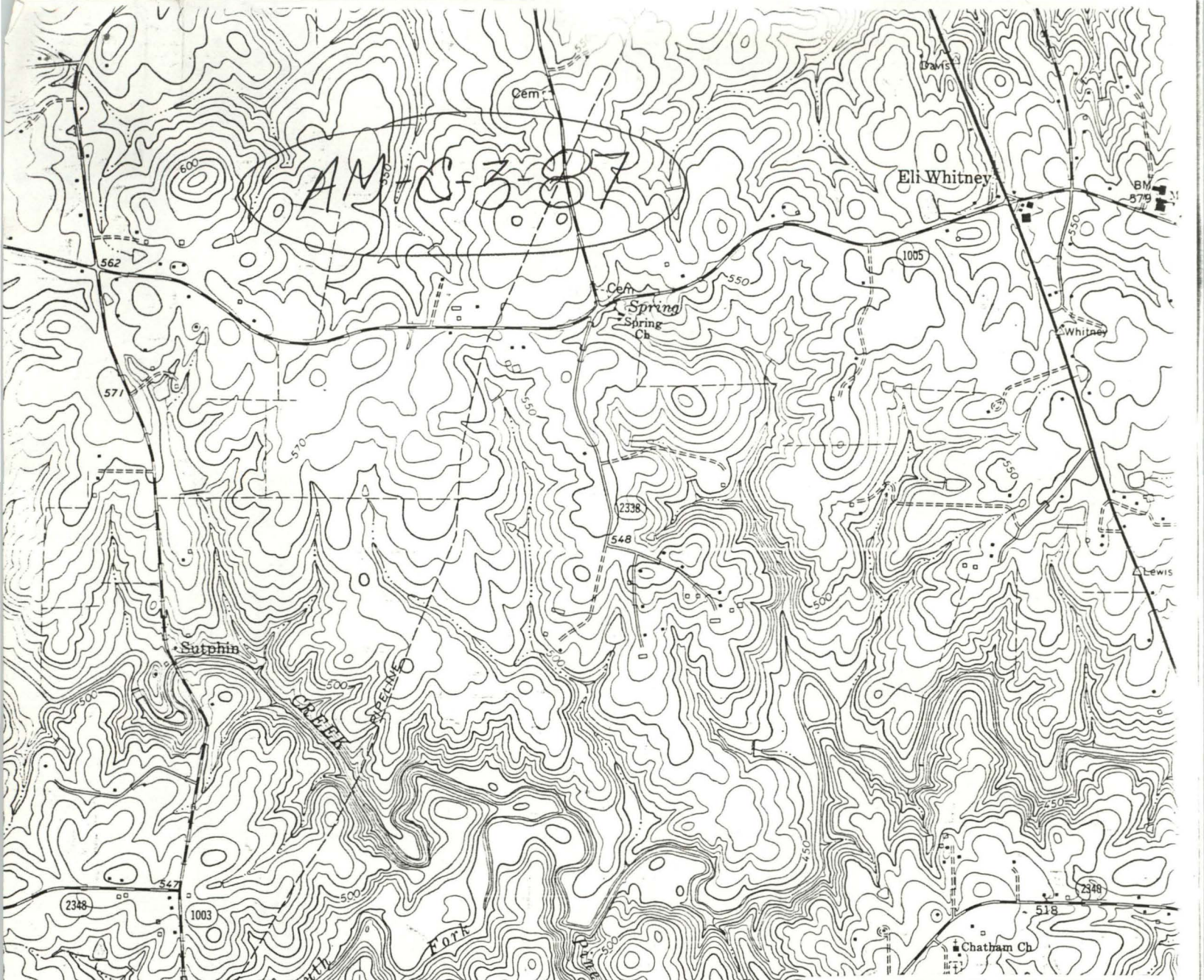
--- Quality Codes ---

Most reporting laboratories use the following quality codes to flag the 'quality' of a geochemical measurement:

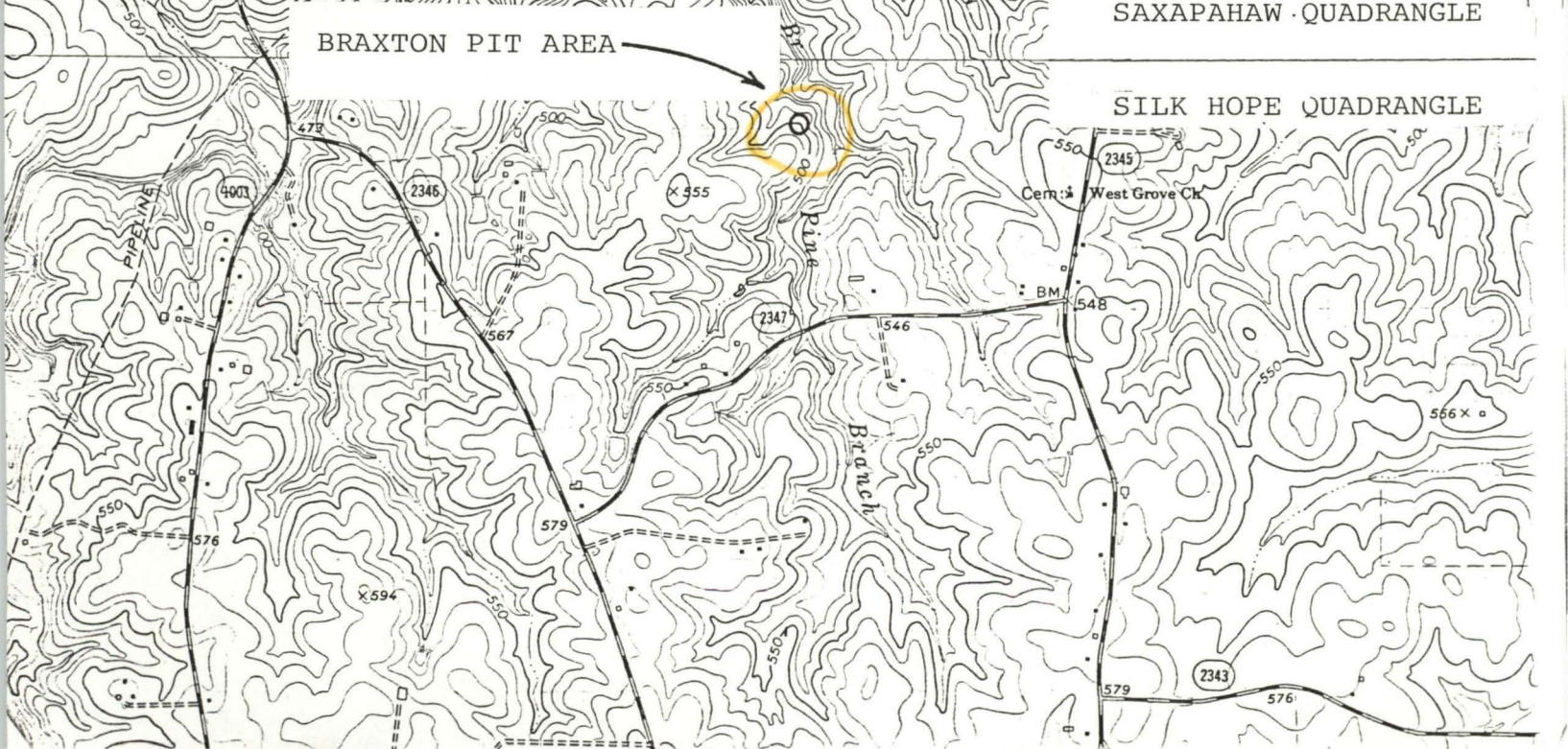
LL = less than the limit of detection
GG = greater than the limit of detection
HH = interference
SS = insufficient sample
NN = undetected
ZZ = value forthcoming on a later report
QQ = detection limit on a small sample and 'H' above
XX = analysis not requested
MM = detection limit on a small sample

These codes may not be accurate for some laboratories.
Consult the Laboratory if you have any questions.

----- End of Listing -----



BRAXTON PIT AREA



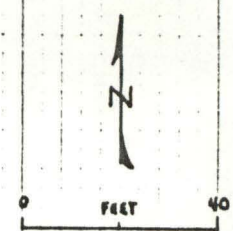
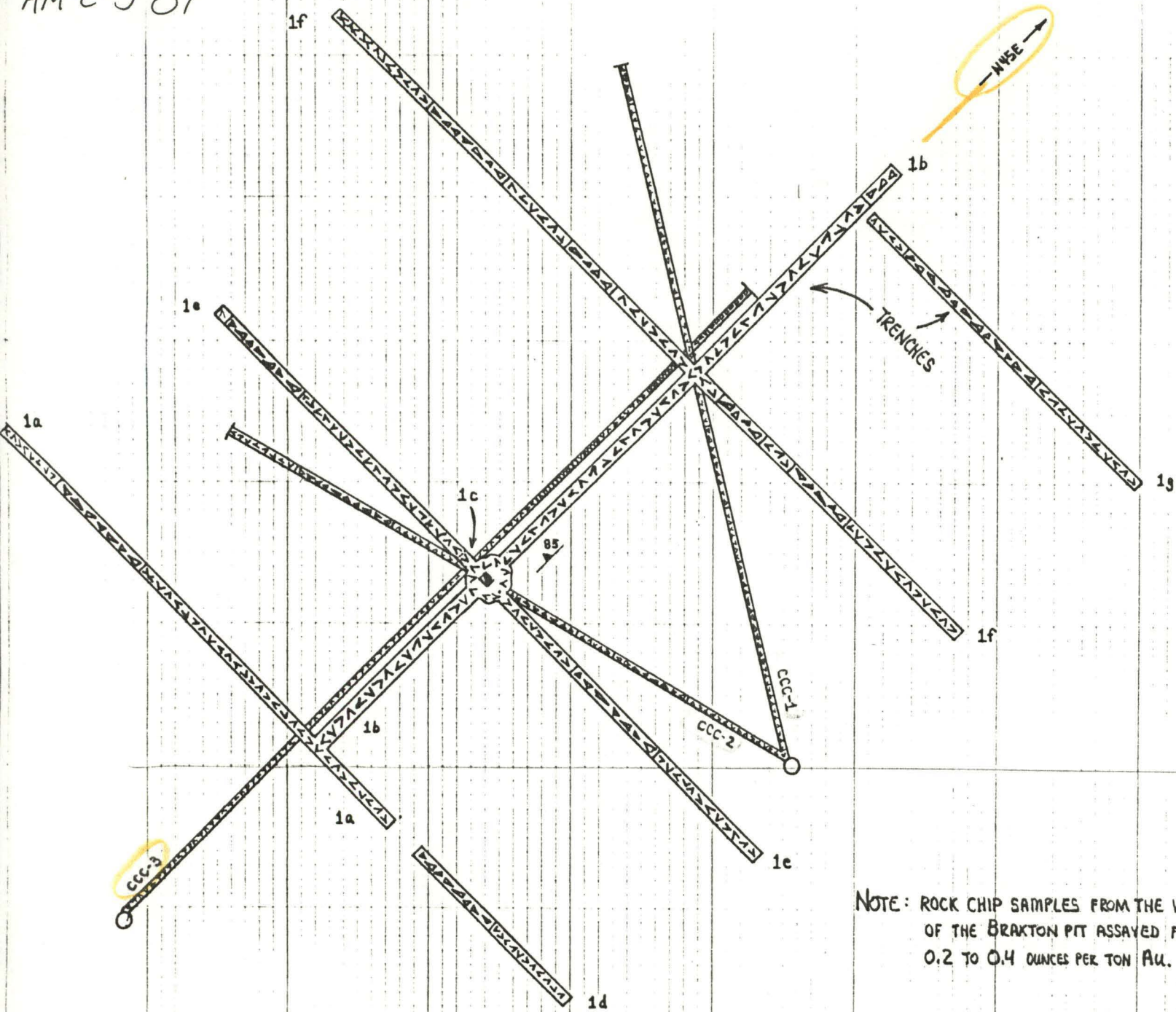
SAXAPAHAW QUADRANGLE

SILK HOPE QUADRANGLE

AM-C-3-87

BRAXTON PIT AREA

TRENCH & DRILL HOLE GEOLOGY



- PORPHYRITIC DACITE
- DACITIC CRYSTAL-LITHIC TUFF
- MULTI-LITHIC INTRUSIVE BRECCIA
- MAFIC-INTERMEDIATE DIKES
- TRENCH ASSAY VALUES > 0.2 ppm Au

NOTE: ROCK CHIP SAMPLES FROM THE WALL OF THE BRAXTON PIT ASSAYED FROM 0.2 TO 0.4 OUNCES PER TON AU.

AM-C-3-87

CCC-3

T.D. 350'

NO ASSAY > 19 ppb

